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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

pplicant: Eun Jeong PARK, et al.

Group Art Unit: Unassigned

Serial No.: 10/088,202

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Title: Novel Detoxified Mutants of Escherichia

COLI HEAT-LABILE ENTEROTOXIN

SUBMISSION OF SUBSTITUTE SEQUENCE LISTING

Commissioner for Patents, Box PCT Washington, DC 20231

Sir:

In response to the Notification of Missing Requirements Under 35 U.S.C. § 371 in the United States Designated/Elected Office (DO/EO/US) dated June 3, 2002, enclosed herewith in full compliance with 37 C.F.R. 1.821-1.825 is a Substitute Sequence Listing to be inserted into the specification. The Substitute Sequence Listing in no way introduces new matter into the specification.

Also submitted herewith in full compliance with 37 C.F.R. 1.821-1.825 is a disk copy of the Substitute Sequence Listing. Applicant's undersigned representative hereby states that the information recorded in the computer readable form is identical to the written sequence listing.

Respectfully submitted,

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Dated: August 2, 2002

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CERTIFICATE OF MAILING

(37 C.F.R. § 1.8a)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to BOX NO-FEE AMENDMENT, Commissioner for Patents, Washington, D.C. 20231.

VIVIAN M. GUTIERREZ

Name of Person Mailing Pape

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August 2, 2002 Date of Deposit LosAngeles/89115.1